

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00973

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁹ G06K11/06 G06F3/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁹ G06K11/06 G06F3/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CNPAT, IPC⁹

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ, CNPAT infrared and touch and (screen or surface) and (transmit+ or receiv+ or emit+) 光電(傳輸+接收+發送)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim
Y	CN,A,1118083 (KE-JIAN IND CO LTD ZHUHAI) 06.Mar.1996 (06.03.96) , A Page 3—page 7 and fig.1.	1, 5
Y	US,A,4928094 (BOEING CO) 22.May 1990 (22.05.90) , col.5,line 26—col.6,line 58 and fig.5.	2, 3, 4
Y	CN,Y,2453484 (BEIJING HUIGUAN SCI&TECHNOLOGY CO LTD) 10.Oct.2001 (10.10.01) Page2, 3 and fig.2.	1, 5
A	US,B1,6429857 (ELO TOUCHSYSTEMS INC) 06.Aug.2002 (06.08.02) the whole document	5 6-10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search 23.Dec. 2003 (23.12.03)	Date of mailing of the international search report 0 5 • FEB 2004 (0 5 • 0 2 • 2 0 0 4)
Name and mailing address of the ISA/CN 6 Xitucheng Rd, Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62019451	Authorized officer 3612 Ma Chi Telephone No. 86-10-62084981 

Form PCT/ISA/210 (second sheet) (July 1998)

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00973

CN,A,1118083 06.Mar1996 (06.03.96) none
US,A,4928094 22.May 1990 (22.05.90) none
CN,Y,2453484 10.Oct 2001 (10.10.01) none
US,B1,6429857 06.Aug. 2002 (06.08.02) JPT,2003515837 07.May 2003 (07.05.03)
WO,A2,0140922 07.June 2001 (07.06.01)
AU,A,200129060 12.June 2001 (12.06.01)
US,A1,2002067348 06.June 2002 (06.06.02)
EP,A2,1234225 28.Aug. 2002 (28.08.02)

A. 主题的分类

IPC G06K11/06 G06F3/02

按照国际专利分类表(IPC)或者同时按照国家分类和IPC两种分类

B. 检索领域

检索的最低限度文献(标明分类体系和分类号)

IPC G06K11/06 G06F3/02

包含在检索领域中的除最低限度文献以外的检索文献

CNPAT: IPC

在国际检索时查阅的电子数据库(数据库的名称和, 如果实际可行的, 使用的检索词)

WPI, EPODOC, PAJ, CNPAT infrared and touch and (screen or surface) and (transmit+ or receive+ or emit+) 触摸(屏幕+触摸)

C. 相关文件

类型*	引用文件, 必要时, 指明相关段落	相关的权利要求编号
Y	CNA,1118083 (珠海科健实业有限公司) 063月1996 (06.03.96), 第3页-第 1、5	
A	7页, 图1.	2、3、4
Y	USA,4928094 (波音公司) 22.5月1990 (22.05.90), 第5栏第26行-第6栏 1、5 第58行, 图5.	
Y	CNY,2453484 (北京汇冠科技有限公司) 10.10月2001 (10.10.01), 第2、3页, 5 图2	
A	US,B1,6429857 (ELIO 触摸系统有限公司) 06.8月2002 (06.08.02), 全文 6-10	

 其余文件在C栏的续页中列出。 见同族专利附件。

* 引用文件的专用类型:

- "A" 告知疏忽了被认为不是特别相关的一般现有技术的文件
- "B" 在国际申请日的当天或之后公布的优先权的申请或专利
- "L" 可能引起对优先权要求的怀疑的文件, 为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件
- "O" 涉及口头公开、使用、展览或其他方式公开的文件
- "P" 公布日先于国际申请日但迟于所要求的优先权日的文件

- "T" 在申请日或优先权日之后公布的在后文件, 它与申请不构成抵触, 但是引用它是为了理解构成发明基础的理论或原理
- "X" 特别相关的文件, 仅考虑该文件, 权利要求书记载的发明就不能认为是新颖的或不能认为是有创造性
- "Y" 特别相关的文件, 当该文件与另一篇或几篇该类文件结合并且这种结合对于本领域的技术人员是显而易见时, 权利要求记载的发明不具有创造性
- "&" 同族专利成员的文件

国际检索实际完成的日期 23.12月2003 (23.12.03)	国际检索报告邮寄日期 05.2月2004 (05.02.2004)
国际检索单位名称和邮寄地址 ISA/CN 中国北京市海淀区西土城路6号(100088) 传真号: 86-10-62019451	受权官员 3612  电话号码: 86-10-62094981

检索报告中引用的专利文件	公布日期	同族专利成员	公布日期
CN,A,1118083	06.3月 1996 (06.03.96)	无	
US,A,4928094	22.5月 1990 (22.05.90)	无	
CN,Y,2453484	10.10月 2001 (10.10.01)	无	
US,B1,6429857	06.8月 2002 (06.08.02)	JP,T,2003S15837 WO,A2,0140922 AU,A,200129060 US,A1,2002067348 EP,A2,1234225	07.5月 2003 (07.05.03) 07.6月 2001 (07.06.01) 12.6月 2001 (12.06.01) 06.6月 2002 (06.06.02) 28.8月 2002 (28.08.02)

PCT/ISA/210表(同族专利附件)(1998年7月)